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S.I.
09-25-04

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q67299

Masayuki KIMATA

Appln. No.: 09/987,555

Group Art Unit: 2631

Confirmation No.: 7542

Examiner: Unassigned

Filed: November 15, 2001

For: ADAPTIVE ARRAY ANTENNA RECEIVING APPARATUS

RECEIVED

FEB 25 2004

TC 2000

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

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FEB 24 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Technology Center, 2600

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Unexamined Patent Publication No. 11-266180, published September 28, 1999.
2. Nobuyoshi Kimura, "Adaptive signal processing using array antennas", Japan, Kagaku Gijutsu Shuppan Co., Ltd., November 25, 1998, 1st Edition, pp. 40-48.
3. WO 97/20400, published June 5, 1997, to NTT Mobile Communications Network, Inc., with English Abstract.
4. Japanese Unexamined Patent Publication No. 11-298345, published October 29, 1999.

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5. Japanese Unexamined Patent Publication No. 2002-77008, published March 15, 2002.
6. Japanese Unexamined Patent Publication No. 2001-16148, published January 19, 2001.
7. Japanese Unexamined Patent Publication No. 2002-26787, published January 25, 2002.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

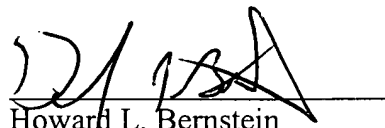
In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from the Japanese Patent Office dated December 2, 2003 with an English translation of the pertinent portions thereof which cite such documents and indicate the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,


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WASHINGTON OFFICE

23373

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Date: February 23, 2004

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

1

Complete if Known

Application Number	09/987,555
Confirmation Number	7542
Filing Date	November 15, 2001
First Named Inventor	Masayuki KIMATA
Art Unit	2631
Examiner Name	Unassigned
Attorney Docket Number	Q67299

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
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		US			
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RECEIVED**FEB 24 2004****Technology Center, 2600****FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	11-266180	A	09-28-1999		
		WO	97/20400	A1	06-05-1997	NTT Mobile Comm. Network	Abstract
		JP	11-298345	A	10-29-1999		
		JP	2002-77008	A	03-15-2002		
		JP	2001-16148	A	01-19-2001		
		JP	2002-26787	A	01-25-2002		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Nobuyoshi Kimura, "Adaptive signal processing using array antennas", Japan, Kagaku Gijutsu Shuppan Co., Ltd., November 25, 1998, 1 st Edition, pp. 40-48	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.